

ADDENDUM No. 2

CITY OF SAN ANTONIO

Capital Improvements Management Services Department

PROJECT NAME: **Bitters Bulky Waste Collection Center**

DATE: April 19, 2012

This addendum shall be included in and be considered part of the plans and specifications for the above named project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum at the time he receives it and returns the original signed form with the bid package.

Project No. 5556050001

BIDDER QUESTIONS AND RESPONSES

- 01) Question: Will there be a site visit or can we show up at the site any time?
Answer: Prospective bidders are welcome to visit the site any time.
- 02) Question: Is there an estimated budget for this project?
Answer: The City no longer releases the estimated project budget for low-bid projects.
- 03) Question: Do our subcontractors have to be certified with the South Central Texas Regional Certification Agency (SCTRCA) by the (submittal) deadline?
Answer: Yes, subcontractors must be certified with the SCTRCA by submittal deadline.
- 04) Question: Is the SCTRCA information updated daily?
Answer: Yes, the SCTRCA information is updated regularly.
- 05) Question: Will the City provide 3rd party construction inspections?
Answer: The City may provide 3rd party construction inspections at their discretion.

SPECIFICATIONS

- 01) Form 025, Unit Pricing Form

The quantity under Bid Item 10, Excavate and Stockpile Impacted Soils (loose cy) has been changed from 550 cubic yards to 1000 cubic yards.
Add Bid Item 43, Site Specific Health and Safety Plan (lump sum).
Add Bid Item 44, Environmental Monitoring (lump sum).

Please replace the 025 Unit Pricing Form with the new form 025, Unit Pricing Form attached.

TECHNICAL SPECIFICATIONS

02) Section 01010, Summary of Work

Part 1, 1.01, A, 4, Description of Work

Delete in its entirety and replace with the following:

"The entire limits of work are situated above a closed permitted municipal solid waste processing site. Soil mixed with ash, construction debris, municipal solid waste, and other fill materials may be encountered when disturbing natural ground including grubbing, grading, and excavation. Soils are impacted with heavy metals and may contain other hazardous materials. Prepare a Site Specific Health and Safety Plan and Waste Management Plan. Existing surface improvements to be demolished including all pavements shall be separated from the potentially impacted soils below and properly disposed. All impacted soils or potentially impacted soils that are removed during the demolition, clearing, grubbing, and removal of topsoil shall be moved to the controlled stockpile area described in these specifications and shown on the drawings. Work includes disposal of all segregated demolished asphalt. No impacted soil or potentially impacted soil shall be taken off the City property. Provide a competent Health and Safety Officer/Supervisor or environmental consultant and conduct environmental monitoring."

Part 1, 1.06, A, Description of Work

Add the following paragraphs at the end of the paragraph:

"The Contractor shall be required to have an environmental consultant on this project. The Contractor's environmental consultant will be responsible for providing environmental oversight and air monitoring activities for their construction workers in the affected areas. The environmental consultant will be on-site to perform air monitoring activities for workers working on any type of excavation or drilling activities for dust containing heavy metals.

The purpose of the monitoring is to assess the potential dust arising from construction activities and potential exposure to construction workers in the affected areas. Additionally, the City or its representative will provide environmental oversight to ensure the Contractor complies with the Waste Management Plan in accordance with Federal, State, and Local regulations."

Part 1, 1.06, B, Description of Work

Delete in its entirety and replace with the following:

"Prepare a site specific safety and health plan as described in Section 01300 for work at the Bitters Site that includes procedures regarding potentially impacted soils. The plan should address safety and health issues related to the closed municipal solid waste processing site."

Part 1, 1.06, E, Description of Work

Delete in its entirety.

Part 1, 1.06, F, Description of Work

Delete in its entirety.

03) Section 01200, Payment Procedures

Part 1, 1.02, Payment

Add the following:

"Bid Item 43: Site Specific Health and Safety Plan.

This item includes all includes all equipment, time, materials, and labor required to complete the work as described in the specifications.

Bid Item 44: Environmental Monitoring

This item includes all includes all equipment, time, materials, and labor required to complete the work as described in the specifications.

04) Section 01330, Submittals

Part 1, 1.03, Site Specific Safety Plan

Delete paragraphs A, B, C, D, and E. and replace with the following:

"The Contractor shall prepare and implement a Site Specific Health and Safety (H&S) Plan. The Contractor shall also provide a competent Health and Safety Officer/Supervisor or environmental consultant who will comply and implement the Site Specific H&S Plan. The Project Health and Safety Officer/Supervisor or environmental consultant shall also be responsible for providing environmental oversight, air monitoring and aiding the Contractor, City Inspector(s), and/or City's representative to coordinate handling and disposition of impacted soils at the construction site. The Construction Superintendent may also be considered as the Health and Safety Officer/Supervisor.

The Contractor's H&S Plan must comply with applicable regulations contained in 29 CFR 1910.120. The Contractor should review and apply the standards found in Section 1910.120 (hazardous waste operations), Subsection M (personal protective equipment), and Subsection Z (toxic and hazardous substances). Additionally, the Contractor should review and incorporate into the H&S Plan all relevant construction procedures which are regulated by Section 1926. The H&S Plan shall be submitted to the City of San Antonio, Environmental Management Division to the attention of the Environmental Project Manager for review prior to beginning construction activities in the impacted areas. Once the Contractor H&S Plan meets the requirements below, the Contractor may begin construction activities in the affected areas.

Where the various sections of the Occupational Safety and Health Administration (OSHA) regulations require specific subplans/programs, such as Confined Space, Lockout/Tagout, Hazard Communication, Excavation and Trenching, etc., written documentation shall be developed by the Contractor that is specific for the potential hazards associated with this construction effort. This is in addition to standard OSHA requirements for this type of construction project. Appropriate traffic control devices and location access limitation devices shall be utilized according to applicable regulations and the approved H&S Plan.

The H&S Plan shall include at a minimum the following information:

- 1) A health and safety risk analysis for each location, task, or operation to be performed by the Contractor.
- 2) A description of the training to be provided to location workers to comply with 29 CFR 1910.120(f).

- 3) List of engineering controls, work practices, and personal protective equipment to be provided by the Contractor to the Contractor's employees for each task or operation to be performed. These must comply with 29 CFR 1910.120(g).
- 4) A description of the frequency and type of air monitoring to be provided to comply with 29 CFR 1910.120(h), including the concentrations of contaminants or air constituents that will cause the Contractor to take actions to increase or decrease protective measures.
- 5) A description of location control measures to be used to comply with 29 CFR 1910.120(d).
- 6) A decontamination plan to comply with requirements of 29 CFR 1910.120(k). This plan must address both personnel and equipment decontamination and disposal of decontamination-generated fluids and materials.
- 7) An emergency response and spill containment plan to comply with 29 CFR 1910.120(i and j).
- 8) A confined space entry program to comply with 29 CFR 1910.146.
- 9) An excavation safety program to comply with 29 CFR 1926, Subpart P.
- 10) A location map, with a route and phone number, to the nearest emergency medical facility.
- 11) Personal Protective Equipment (PPE) levels shall be defined as appropriate to location contaminant concentrations in order to maintain worker safety.
- 12) A route map showing the closest medical facility to the site.
- 13) A truck route map showing the designated route from the project site to the proposed disposal facility.

The Contractor shall add additional elements to the H&S Plan, as required, for the safe execution of the project. The Contractor must include a written statement that they are committed to employing/enforcing the H&S Plan and will be implemented for all project operations. All workers and visitors to the site shall be informed of the H&S Plan and shall sign a statement acknowledging their commitment to following the procedures of the H&S Plan. The Contractor will be required to submit a finalized copy of the H&S Plan, a copy of the 40-hour HAZWOPER training certifications, and a copy of the 8 hour supervisory training certificates of all employees qualified to work within the impacted area to the City of San Antonio, Environmental Management Division (EMD), prior to beginning construction. CIMS EMD will review the submittals and determine whether the contractor meets the requirements or not.

Heavy metals above background concentrations are known to be present. The maximum detected level of total lead concentration identified at the sampled locations within the project limits in the Area of Concern 2,780 mg/kg.

There is the possibility that other contaminants could be encountered within the project limits. If the Contractor suspects additional contamination or impacted media outside the designated areas, the Contractor shall notify the construction inspector, City's inspector, and/or City's representative immediately.

The Contractor is responsible for preparing a Waste Management Plan (WMP) addressing their plan to excavate, remove, and transport the impacted media to the on-site impacted soil area. The Contractor must include the requirements outlined in this item in their Waste and Management Plan. The Health and Safety Plan is a component of the Waste Management Plan.

Upon completion, the Contractor is required to submit a final report for this project. The environmental report shall include but not be limited to: number of environmental oversight days, air monitoring frequency and results, total cubic yards of impacted media removed and disposed, and a summary of environmental activities.

The Health and Safety Plan, the Waste Management Plan, the Final Report, and the environmental oversight will be paid under Bid Item 43, "Site Specific Health and Safety Plan" and includes all equipment, time, materials, and labor required to complete the work. Costs of hazardous materials training, medical surveillance, personal protective equipment, and any other required measure to complete the project specified in CFR 1910.120 are not reimbursable, but incidental to the overall costs of the project."

05) Section 02220, Impacted Soil Excavation and Stockpiling

Part 1, 1.01, A, Description

Remove the fifth sentence "It is assumed that the soil will be classified as a Class 2 non-hazardous waste."

Part 1, 1.02, Abbreviations

On the first line replace "EPA" with "USEPA".

Part 1, 1.04, A, Safety

Add the following to the beginning of the paragraph "The Contractor shall also provide a competent Health and Safety Officer/Supervisor or environmental consultant who will comply and implement the Site Specific H&S Plan. The Project Health and Safety Officer/Supervisor or environmental consultant shall also be responsible for providing environmental oversight, air monitoring and aiding the Contractor, City Inspector(s), and/or City's representative to coordinate handling and disposition of impacted soils at the construction site. The Contractor is responsible for all costs associated with monitoring including monitoring for methane gas or low oxygen levels during construction.

Part 1, 1.04, B, Safety

Delete in its entirety.

Part 1, 1.04, C, Safety

Delete in its entirety.

Part 3, 3.02, C, Safety

Delete in its entirety and add the following:

"The City or its representative will provide environmental oversight to ensure the Contractor complies with the Waste Management Plan in accordance with Federal, State, and Local regulations. The City shall be notified immediately when impacted soils and/or groundwater

are encountered at locations not identified in this document. Impacted soil is may be located under the entire limits of construction. The notification should include specific points, exact locations, type of impacted media, evidence of impact, and measures taken to contain the impacted media and prevent public access. The impacted soil and/or groundwater shall not be removed from the location without prior City's approval."

Part 3, 3.03, A and B, Soil Excavation

Delete in its entirety and add the following:

Soils generated from the excavation or drilling at the project site can contain or have the potential to contain hazardous materials (heavy metal); therefore, the Contractor will be required to handle this soil as impacted media and it should be excavated, loaded directly into transport vehicles, and transported to the stockpile area.

Part 3, 3.06

Delete in its entirety and add the following:

"During the course of the project, water, either stormwater or groundwater, may accumulate in the excavations. It is in the best interest of the Contractor to provide soil berms or other protective measures around the excavated trench to prevent water intrusion. In the event that removal of water from the excavation is necessary, proper characterization and disposal is required by the Contractor's environmental consultant. Specifically, the consultant shall collect at a minimum one water sample from each identified impacted area. Any containers used to store impacted water shall be certified clean containers. This water sample shall be analyzed for RCRA 8 Metals. Laboratory analyses of sample(s) collected must be conducted in accordance with standard Environmental Protection Agency (EPA) methods. Upon approval by the Environmental Management Division of CIMS, non-impacted water may be discharged per the Texas Pollutant Discharge Elimination System (TPDES) permit. Impacted water must be removed and disposed of in accordance with all Federal, State, and Local regulations at the Contractor's expense. The Contractor's consultant shall be responsible for submitting analytical data and disposal documentation to the City of San Antonio Capital Improvement Management Services Department. Upon approval, the Contractor will be directed on the appropriate disposal methods.

If dewatering activities occur during the construction of the project, the water must be removed, containerized, tested, and properly disposed.

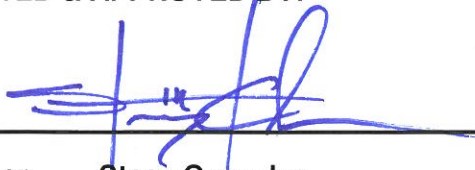
Payment for work associated with impacted water will be incidental to Bid Item 44, Environmental Monitoring."

ATTACHMENTS:

- 01) 025 Unit Pricing Form
- 02) Addendum Acknowledge Form

END OF ADDENDUM No. 2

ADDENDUM REVIEWED & APPROVED BY:



CIMS Project Manager

Stacy Gonzales

Date 04/19/2012

NOTICE TO PLANHOLDERS:

Please insert this Addendum into your copy of the Project Construction Documents.

**CITY OF SAN ANTONIO
DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES
CONTRACT SERVICES DIVISION**

RECEIPT OF ADDENDUM NUMBER(S) 2 IS HEREBY ACKNOWLEDGED FOR PLANS
AND SPECIFICATIONS FOR CONSTRUCTION OF: **Bitters Bulky Waste Collection Center**
FOR WHICH BIDS WILL BE OPENED ON **Tuesday May 1, 2012 at 2:00 PM**

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID
PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title

Revision Date April 19, 2012

ITEM NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT
1	Mobilization	Lump Sum	1		\$ -
2	Insurance and Bonding	Lump Sum	1		\$ -
3	Silt Fence	Linear Feet	550		\$ -
4	Rock Berm	Linear Feet	70		\$ -
5	Construction Entrance	Lump Sum	1		\$ -
6	Tree Protection	Lump Sum	1		\$ -
7	Temporary Road	Square Yard	1200		\$ -
8	Demolition	Lump Sum	1		\$ -
9	Clearing, Grubbing, and Rough Grading	Lump Sum	1		\$ -
10	Excavate and Stockpile Impacted Soils (loose cy)	Cubic Yard	1000		\$ -
11	Move Culverts	Lump Sum	1		\$ -
12	Retaining Walls	Linear Feet	411		\$ -
13	Imported Fill, in place (compacted cy)	Cubic Yard	2700		\$ -
14	2" Water Line, Complete in Place	Lump Sum	1		\$ -
15	Irrigation System, complete	Lump Sum	1		\$ -
16	Site Electrical Service, complete	Lump Sum	1		\$ -
17	Site IT Services, complete	Lump Sum	1		\$ -
18	Attendant Station Foundation	Lump Sum	1		\$ -
19	Attendant Station Structure	Lump Sum	1		\$ -
20	Attendant Station HVAC/Mechanical	Lump Sum	1		\$ -
21	Attendant Station Electrical	Lump Sum	1		\$ -
22	Attendant Station IT Systems	Lump Sum	1		\$ -
23	Masonry Walls, Columns, and Signs	Linear Feet	80		\$ -
24	Electric Rolling Gate, complete	Each	2		\$ -
25	Entrance Lighting	Each	6		\$ -
26	Sign Lighting	Each	7		\$ -
27	Collection Center Lighting	Each	19		\$ -
28	Shade Canopy (14' x 24'), complete	Each	6		\$ -
29	Asphalt Pavement and Base, Complete	Square Yard	2260		\$ -
30	Concrete Pavement and Base, Complete	Square Yard	6550		\$ -
31	Machine Laid Curb	Linear Feet	1688		\$ -
32	Curb and Gutter	Linear Feet	310		\$ -

PROJECT NAME: Bitters Bulky Waste Collection Center
PROJECT NO. 5556050001

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

Date Issued: April 9, 2012
Page 2 of 2

Revision Date April 19, 2012

ITEM NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT
33	Concrete Sidewalk and Flatwork	Square Feet	661		\$ -
34	Guardrail with Handrail	Linear Feet	30		\$ -
35	Fencing	Linear Feet	750		\$ -
36	27' Manual Double Gate w/Columns	Each	3		\$ -
37	22' Manual Double Gate w/Columns	Each	2		\$ -
38	Pavement Striping	Lump Sum	1		\$ -
39	Traffic Signs	Lump Sum	1		\$ -
40	Curb Stops	Each	21		\$ -
41	Retaining Wall Accessories	Lump Sum	1		\$ -
42	Landscaping	Lump Sum	1		\$ -
43	Site Specific Health and Safety Plan	Lump Sum	1		\$ -
44	Environmental Monitoring	Lump Sum	1		\$ -
				TOTAL BASE BID AMOUNT	\$ -

_____ hereby certifies that the unit prices shown on this form in this bid proposal are the unit prices intended for this project. These unit prices are 'complete and in place', and include but are not limited to: necessary superintendence, labor, machinery, equipment, tools, materials, mobilization, insurance, overhead and other miscellaneous items and cost to complete the proposed work. It is further understood that these unit prices will be used by the City of San Antonio to adjust the final bid or contract amount through additions to or deletions from the scope and amount of work for the project, at the sole discretion of the City of San Antonio.

_____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____